

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 October 2005 (27.10.2005)

PCT

(10) International Publication Number
WO 2005/101328 A1

(51) International Patent Classification⁷: G07C 5/00,
H04L 29/06

Dennis [US/US]; 4712 Briarwood, Royal Oak, MI 48073 (US) MEADE, Tracy [US/US]; 5436 Lum Road, Attica, MI 48412 (US) LOHR, Rebecca [US/US]; 1034 20th Street SE, Cedar Rapids, IA 52403 (US) DILS, Gregory, A. [US/US]; 352 Oriole Court, Tiffin, IA 52340 (US) EL-HAJJ, Hassanayn Machlab [ES/US]; 2680 Glen Hollow Court, Coralville, IA 52241 (US) NEYMEYER, Nik [US/US]; 1155 Longview Drive, Marion, IA 52302 (US) WILLIAMS, Kevin [US/US]; 10520 Kenicott Trail, Brighton, MI 48114 (US)

(21) International Application Number:
PCT/US2005/012180

(22) International Filing Date: 11 April 2005 (11.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/823,271 12 April 2004 (12.04.2004) US

(71) Applicant (*for all designated States except US*): NNT, INC. [US/US]; 2329 East Walton Boulevard, Auburn Hills, MI 48326 (US)

(72) Inventors; and

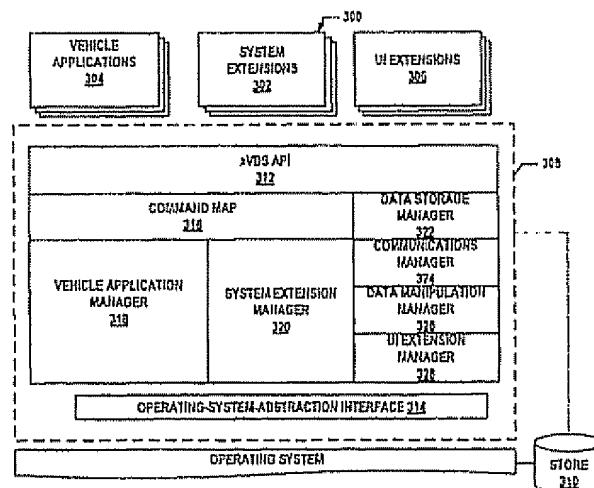
(75) Inventors/Applicants (*for US only*): KAPOLKA, Michael [US/US]; 4858 Sunderland Drive, Sterling Heights, MI 48314 (US) CHANG, Sam [US/US]; 6926 Alden Drive, West Bloomfield, MI 48329 (US) SMITH, Andrew [AU/US]; 117 Crandall Court NE, Cedar Rapids, IA 52402 (US) CRULL, Brian [US/US]; 5514 Oak Park Drive, Clarkston, MI 48346 (US) ESSENMACHER,

(74) Agent: SANTOS, Julian, F.; McDonnell Boehnen Hulbert & Berghoff LLP, 300 South Wacker Drive, Suite 3100, Chicago, IL 60606 (US)

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, IU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

[Continued on next page]

(54) Title: VEHICLE-INFORMATION SYSTEM



(57) Abstract: A vehicle information system including a computing system, a vehicle application (304), an access-layer application (308), a vehicle-application database (310), and a communication adapter is provided. The computing system may run an operating system and a plurality of applications. The vehicle application, which is executable by the computing system, may provide policy processing of a parameter received from the access-layer application. The access-layer application has a first interface (312) adapted to communicate with the vehicle application and a second interface (314) adapted to communicate with the operating system. The vehicle-application database may house information for processing the parameter. The communication adapter may pass at least one parameter between the second interface and the vehicle controller. The access-layer application is operable to obtain the information from the vehicle-application database, and to process the parameter as a function of the information so as to pass the processed parameter between the first and second interfaces.



(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette

Published:

— *with international search report*